F. Maxwell Harper

Research Scientist University of Minnesota
Department of Computer Science and Engineering
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Professional Preparation

Carleton College	International Relations and Environmental Studies	B.A.	1998
University of Minnesota	Computer Science	M.S.	2006
University of Minnesota	Computer Science	Ph.D.	2009

Appointments

Research Scientist (GroupLens Research)	University of Minnesota	2012 - present
Software Developer	Code 42 Software	2011 - 2012
Founder and Lead Developer	Blue Shift Software Laboratory	2009 - 2011
Post-Doctoral Associate (GroupLens Research)	University of Minnesota	2009 - 2010
Research Assistant (GroupLens Research)	University of Minnesota	2004 - 2009
Research Intern	Nokia Research Center	2007
Teaching Assistant	University of Minnesota	2003 - 2005
Technical Consultant (part time)	Walker Art Center	2001 - 2003
Web Manager	National Civic League	2001 - 2003
Software Engineer	OneSecure	2000 - 2001
Software Developer	AT&T Wireless	1999 - 2000
Programmer	FairIsaac	1998 - 1999

Five Related Publications

Chang, S., Harper, F. M., & Terveen, L. (2015). Using Groups of Items for Preference Elicitation in Recommender Systems. In Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing (pp. 1258–1269). New York, NY, USA: ACM.

Ekstrand, M. D., Harper, F. M., Willemsen, M. C., & Konstan, J. A. (2014). User Perception of Differences in Recommender Algorithms. In Proceedings of the 8th ACM Conference on Recommender Systems (pp. 161–168). New York, NY, USA: ACM.

Harper, F. M., Li, X., Chen, Y., & Konstan, J. A. (2005). An Economic Model of User Rating in an Online Recommender System. In L. Ardissono, P. Brna, & A. Mitrovic (Eds.), User Modeling 2005 (pp. 307–316). Springer Berlin Heidelberg.

Harper, F. M., Sen, S., & Frankowski, D. (2007). Supporting Social Recommendations with Activity-balanced Clustering. In Proceedings of the 2007 ACM Conference on Recommender Systems (pp. 165–168). New York, NY, USA: ACM.

Harper, F. M., Xu, F., Kaur, H., Condiff, K., Chang, S., & Terveen, L. (2015). Putting Users in Control of Their Recommendations. In Proceedings of the 9th ACM Conference on Recommender Systems (pp. 3–10). New York, NY, USA: ACM.

Five Other Significant Publications

Chen, Y., Harper, F. M., Konstan, J., & Li, S. X. (2010). Social Comparisons and Contributions to Online Communities: A Field Experiment on MovieLens. The American Economic Review, 100(4), 1358–1398.

Harper, F. M., Li, S. X., Chen, Y., & Konstan, J. A. (2007). Social Comparisons to Motivate Contributions to an Online Community. In Y. de Kort, W. IJsselsteijn, C. Midden, B. Eggen, & B. J. Fogg (Eds.), Persuasive Technology (pp. 148–159). Springer Berlin Heidelberg.

Harper, F. M., Moy, D., & Konstan, J. A. (2009). Facts or Friends?: Distinguishing Informational and Conversational Questions in Social Q&A Sites. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 759–768). New York, NY, USA: ACM.

Harper, F. M., Raban, D., Rafaeli, S., & Konstan, J. A. (2008). Predictors of Answer Quality in Online Q&A Sites. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 865–874). New York, NY, USA: ACM.

Ren, Y., Harper, F. M., Drenner, S., Terveen, L. G., Kiesler, S. B., Riedl, J., & Kraut, R. E. (2012). Building Member Attachment in Online Communities: Applying Theories of Group Identity and Interpersonal Bonds. Mis Quarterly, 36(3), 841–864.

Professional and Synergistic Activities

Program Committee Member (World Wide Web 2011, Recommender Systems 2009, 2010 workshops on Recommenders and the Social Web, Recommender Systems 2008, Adaptive Hypermedia 2008 workshop on Adaptation in the Social Web, Interact 2007 workshop on Design Principles for Software that Engages Users, User Modeling 2007 workshop on Adaptation and Personalization in Social Systems, Adaptive Hypermedia 2006 workshop on Social Navigation and Community Based Adaptation Technologies)

Reviewer (CHI 2006-present, CSCW 2006-present, ACM TWEB 2008, 2010, RecSys 2008, Hypertext 2007, Mobiquitous 2007, ECR 2007, IUI 2007, AH 2006)

Invited Lecturer (Minnedemo 2011, Best Buy 2010, Thompson Reuters 2010, Adventium Labs 2009, IBM Research 2008)

Collaborators

Shuo (Steven) Chang	University of Minnesota
Kyle Condiff	University of Minnesota
Michael Ekstrand	Texas State University
Brent Hecht	University of Minnesota
Pik-Mai Hui	Indiana University
Harmanpreet Kaur	University of Minnesota
Daniel Kluver	University of Minnesota
Joseph Konstan	University of Minnesota
Tien Nguyen	University of Minnesota
Loren Terveen	University of Minnesota
Ting-Yu Wang	Terrapin Technologies, Inc.
Martijn Willemsen	Eindhoven University of Technology
Funing Xu	University of Illinois at Urbana-Champaign

Graduate Adviser

Joseph A. Konstan	University of Minnesota